

LIST OF CURRENT CLAIMS

1. (Currently amended) A mechanism for rapidly installing ~~and~~ or detaching a hard disk into or from a frame, comprising:

a hard disk;

a U-shaped handle having two ends pivotally mounted at ~~both~~ two sides of the hard disk, wherein the width of the handle having a width slightly is larger than that the width of the hard disk, and the handle including includes a latch disposed ~~in a forward at a front side distal to the two ends of the handle;~~ and

a frame for receiving the hard disk, wherein a gap is formed between the hard disk and the frame for receiving the handle while the hard disk being received in the frame, the frame including includes an elastic member formed in a forward end the frame adjacent to a front end of the frame, and the elastic member including includes a projection formed on a side surface of the elastic member, the projection being and adapted to engage with the latch;

whereby, while pivoting the hard disk is received in the frame, the handle is pivoted down into a the gap between the hard disk and the frame, and the latch of the handle is then engaged with the projection of the frame elastic member enabling the sides of so as to the hard disk to urge against by the frame and the handle for fastening fasten the hard disk in the frame by the handle.

2. (Currently amended) The mechanism of claim 1, further comprising two abutment plates coupled to ~~pivot points of the handle and~~ the two sides of the hard disk respectively and each having one end pivotally connected with each of the two ends of the handle, wherein ,while the hard disk is received in the frame, both the handle is pivoted down into the gap between the hard disk and the frame and the two ends of the handle are pivotally coupled at pivoted down into the other a gap gaps formed between the sides of the hard disk and the abutment plates so that the handle is protected by the abutment plates when the handle contacts a foreign object.

3. (Currently amended) The mechanism of claim 1, further comprising a groove formed on the frame around adjacent to the projection of the frame elastic member, the groove being operative to confine the projection of the frame therein for operating

the latch of the handle engaged with the projection of the elastic member while the handle being pivoted down into the gap between the hard disk and the frame.